

**AMENDMENTS TO THE CLAIMS:**

Please delete Claims 13 and 35.

Please amend the claims as follows:

1. (Twice Amended) A Mannich reaction product obtained by reacting (i) ortho-cresol [at least one di-substituted hydroxyaromatic compound] having on the ring [both (a)] an aliphatic hydrocarbyl substituent derived from a polyolefin having a number average molecular weight in the range of about 900 [500] to about 3000[, and (b) a C<sub>1-4</sub> alkyl]; (ii) dibutylamine ; and iii) at least one aldehyde.

9. (Amended) The Mannich product of claim 1 wherein [the di-substituted hydroxyaromatic compound comprises a di-substituted hydroxyaromatic compound in which] the hydrocarbyl substituent on the ortho-cresol is derived from polypropylene, polybutylene or an ethylene alpha-olefin copolymer having a polydispersity in the range of about 1 to about 4.

17. (Twice Amended) A fuel additive composition comprising:

a) a fuel soluble Mannich detergent/dispersant obtained by reacting (i) ortho-cresol [at least one di-substituted hydroxyaromatic compound] having on the ring [both (a)] an aliphatic hydrocarbyl substituent derived from a polyolefin having a number average molecular weight in the range of about 900 [500] to about 3000[, and (b) a C<sub>1-4</sub> alkyl]; (ii) dibutylamine; and iii) at least one aldehyde; and

b) at least one liquid carrier for said Mannich detergent/dispersant in proportions such that for each part by weight of Mannich detergent/dispersant on an active ingredient basis there is in the range of about 0.3 to about 2.0 parts by weight of liquid carrier therefor.

31. The composition of claim 17 wherein the [di-substituted hydroxyaromatic compound comprises a di-substituted hydroxyaromatic compound in which the] hydrocarbyl substituent on the ortho-cresol is derived from polypropylene, polybutylene or an ethylene alpha-olefin copolymer having a polydispersity in the range of about 1 to about 4.

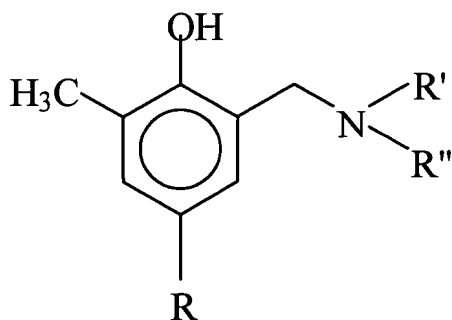
40. (Twice Amended) A fuel composition for use in a spark-ignition internal combustion engine comprising a spark-ignition fuel into which has been blended:

a) a fuel soluble Mannich detergent/dispersant obtained by reacting (i) ortho-cresol [at least one di-substituted hydroxyaromatic compound] having on the ring [both (a)] an aliphatic hydrocarbyl substituent derived from a polyolefin having a number average molecular weight in the range of about 900 [500] to about 3000[, and (b) a C<sub>1-4</sub> alkyl]; (ii) dibutylamine; and iii) at least one aldehyde; and

b) at least one liquid carrier for said Mannich detergent/dispersant in proportions such that for each part by weight of Mannich detergent/dispersant on an active ingredient basis there is in the range of about 0.3 to about 2.0 parts by weight of liquid carrier therefor; wherein a) and b) are present in an amount at least sufficient to reduce or minimize the weight of intake valve deposits in a spark-ignition internal combustion engine operated on said fuel composition.

53. (Amended) The fuel composition of claim 40 wherein the [di-substituted hydroxyaromatic compound comprises a di-substituted hydroxyaromatic compound in which the] hydrocarbyl substituent on the ortho-cresol is derived from polypropylene, polybutylene or an ethylene alpha-olefin copolymer having a polydispersity in the range of about 1 to about 4.

59. (Twice Amended) A composition of matter of the formula:



wherein R comprises a hydrocarbyl substituent having a number average molecular weight in the range of about 900 [500] to about 3000; and R' and R'' are each a butyl group.